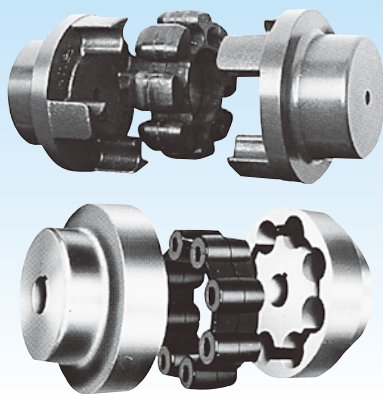




# HYPERFLEX® Coupling (MT·MH)

Two types are available –MT type and MH type  
MT type is a compression stress type, which is compact design with large transmission torque.

MH type is a model uses shearing stress of elastic rubber.

- |         |                                                                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MT Type | <ul style="list-style-type: none"> <li>● Applicable for all kinds of applications.</li> <li>● Compact size with large transmission torque.</li> <li>● Easy-to-install and maintenance-free</li> <li>● The polyurethane elastic body, which features excellent oil and abrasion resistance.</li> </ul> |
| MH Type | <ul style="list-style-type: none"> <li>● High flexibility and excellent shock absorption</li> <li>● Applicable as a torque limiter</li> </ul>                                                                                                                                                         |

## Coupling Product Code (Example)

**MT - G - 85**

Type ———  
Elastic Body: Rubber ——— Size

### Standard Sizes for MT Type

| Product Code | Regular Maximum Torque (N.m) |                 | Maximum Revolution Speed (rpm) | Outer Diameter (mm) | Total Length (mm) |
|--------------|------------------------------|-----------------|--------------------------------|---------------------|-------------------|
|              | Rubber (G)                   | Polyurethane(U) |                                |                     |                   |
| MT- 50       | 5.88                         | 7.85            | 6,000                          | 50                  | 58                |
| MT- 60       | 9.81                         | 14.7            | 6,000                          | 60                  | 72                |
| MT- 70       | 15.7                         | 24.5            | 6,000                          | 70                  | 75                |
| MT- 85       | 34.3                         | 49.0            | 5,500                          | 85                  | 101               |
| MT-100       | 53.9                         | 78.5            | 5,500                          | 100                 | 115               |
| MT-125       | 118                          | 196             | 4,400                          | 125                 | 147               |
| MT-140       | 157                          | 245             | 4,200                          | 140                 | 160               |
| MT-170       | 314                          | 441             | 3,800                          | 170                 | 176               |
| MT-185       | 441                          | 588             | 3,800                          | 185                 | 193               |
| MT-200       | 637                          | 883             | 3,600                          | 200                 | 217               |
| MT-225       | 980                          | 1370            | 3,600                          | 225                 | 238               |

● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

### Standard Sizes for MH Type

| Product Code | Regular Maximum Torque (N.m) |         | Maximum Revolution Speed (rpm) | Outer Diameter (mm) | Total Length (mm) |
|--------------|------------------------------|---------|--------------------------------|---------------------|-------------------|
|              | Standard                     | Super※1 |                                |                     |                   |
| MH- 45       | 0.98                         | 1.96    | 6,000                          | 45                  | 49                |
| MH- 55       | 1.96                         | 3.92    | 6,000                          | 55                  | 57                |
| MH- 65       | 3.92                         | 6.86    | 6,000                          | 65                  | 63                |
| MH- 80       | 8.83                         | 15.7    | 5,500                          | 80                  | 73                |
| MH- 90       | 10.8                         | 36.3    | 5,000                          | 90                  | 83                |
| MH-115       | 29.4                         | 78.5    | 4,600                          | 115                 | 113               |
| MH-130       | 37.3                         | 118.0   | 4,400                          | 130                 | 123               |
| MH-145       | 58.8                         | 196.0   | 4,200                          | 145                 | 133               |
| MH-175       | 147.0                        | 422.0   | 3,800                          | 175                 | 163               |
| MH-200       | 245.0                        | 637.0   | 3,600                          | 200                 | 223               |

※1: MH Super type is the one with reinforcement iron core.

● Use MT type coupling when there is torque variation, forward reverse operation, shock, etc.

### Applications

- |                       |                 |                        |                            |
|-----------------------|-----------------|------------------------|----------------------------|
| ● Various pumps       | ● Reducer       | ● Machine tools        | ● Conveyor system          |
| ● Fan                 | ● Speed changer | ● Chemical equipment   | ● Injection molding system |
| ● Blower              | ● Mixer         | ● Wood works machine   | ● Construction machine     |
| ● Compression machine | ● Generator     | ● Textile machine      | ● Car wash machine         |
| ● Compressor          |                 | ● Paper making machine |                            |